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INTERNATIONAL SEARCH REPORT

10/509083

Intel Application No  
PCT/GB 03/01255

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F16C33/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 275 006 A (BURROUGHS CORPORATION) 24 May 1972 (1972-05-24) the whole document	1,3,6, 8-11,24
A	US 5 683 183 A (MURAKI HIROMITSU ET AL) 4 November 1997 (1997-11-04) column 18, line 24 - line 64; figures 3-10	1,2
A	EP 0 221 727 A (RELIANCE ELECTRIC CO) 13 May 1987 (1987-05-13) the whole document	1,7
A	J. CHAPPUIS: "Lubrication by a new principle: the use of non-wetting liquids" WEAR, vol. 77, 1982, pages 303-313, XP008019072 cited in the application page 303 -page 312	1,22
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

9 July 2003

Date of mailing of the international search report

16/07/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	W. HILD et al., Microhydrodynamical studies of hydrophilic and hydrophobic surfaces, Proceedings of the 13th International Colloq. Tribology Esslingen, W.J. Bartz (ed.), page 821 - page 825, 2002 XP008019076 cited in the application page 824	18,25
A	K. HIRATSUKA et al., Ultra-low friction between water droplet and hydrophobic surface, Fundamentals of tribology and bridging the gap between macro- and micro/nanoscales, B. Bhushan (ed.), page 345 - page 348, 2001 XP008019077 cited in the application page 345 -page 348	1,15,18

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Information on patent family members

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